

Serial No. 10/687,754

ASA-345-09

IN THE CLAIMS

Claims 1-29 (Canceled)

30. (New) A magnetic head comprising:

a perpendicular magnetic recording head having a lower pole and upper pole; and
a reproducing head having a magnetoresistive sensor, wherein

a magnetic shield material is formed at both ends of the upper pole in a track width direction, and

a track width of the reproducing head is smaller than a track width of the perpendicular magnetic recording head.

31. (New) A magnetic head according to claim 30, wherein the track width of the perpendicular magnetic recording head is defined by the magnetic shield material.